

HOW TO USE CIDEX® SOLUTIONS

For over 40 years, CIDEX® Solutions have been safely used by health care professionals for the high level disinfection and sterilization of delicate heat-sensitive instruments because of their efficacy, materials compatibility, economy and ease of use. Follow these steps and refer to the specific CIDEX Solution label and package insert for complete instructions/information.

1 Don Personal Protective Equipment



Personal protective equipment must always be worn when handling contaminated instruments and equipment. Personal protective equipment includes disposable latex gloves, eye protection, face mask, and liquid-proof gown. Once personal protective equipment is donned, you are ready to begin the disinfection/sterilization process.

2 Clean Instruments

The first step in the disinfection/sterilization process is thorough cleaning.^(a) Contaminated instruments must be thoroughly cleaned prior to disinfection or sterilization since residual organic matter will decrease the effectiveness of the CIDEX Solution.

To remove debris, thoroughly clean all instrument surfaces and the lumens of hollow instruments (e.g. endoscopes) with a mild protein dissolving detergent such as ENZOL® Enzymatic Detergent.^(b)

CIDEX Solutions are compatible with enzymatic detergents (e.g. ENZOL Detergent) which are mild in pH, low foaming, and easily rinsed from instruments. Detergents that are either highly acid or alkaline are contraindicated as cleaning agents since improper rinsing could affect the efficacy of the CIDEX Solutions by altering their pH.



(a)

(b)



Following cleaning, rinse instrument surfaces and lumens with large amounts of fresh water to remove residual detergent.



Remove excess moisture from instrument prior to disinfecting or sterilizing. This will help prevent water from rapidly diluting the CIDEX Solution below its minimum effective concentration (MEC). Refer to instrument manufacturer's labeling for additional instructions on disassembly, decontamination, cleaning and leak testing.

3 Activate Solution



Once the instruments have been properly cleaned, you are now ready to begin using the CIDEX Solution.

Prepare CIDEX Solution for use by first adding the entire contents of the activator vile to the solution in the container. Shake well. Activated solution immediately changes color to green, thereby indicating the solution is ready to use.

Do not use activated solution beyond stated 14 or 28 day reuse life.

NOTE: The activator contains a rust inhibitor. Do not add any other agent.



Record the date of activation (mixing date) and expiration date in the space provided on the CIDEX Solution container label, in a log book, or on a label affixed to the CIDEX Solution tray or any secondary container. Log books are available with our CIDEX Solution Information Station (Reorder #20251) or may be obtained through your local Advanced Sterilization Products sales representative.

4 Disinfection/Sterilization



Immerse clean instruments completely in the CIDEX Solution.



Fill all lumens of hollow instruments.



To reduce exposure to glutaraldehyde vapors which can be irritating, cover the CIDEX Solution tray with a secure lid. Soak instruments for the amount of time required for disinfection or sterilization. See label and package insert for complete instructions/information on soak times and temperature for disinfection and sterilization.

5 Rinsing Instruments



For devices that have been sterilized:

Remove instruments from solution using a sterile technique and rinse thoroughly with sterile water. See package insert for complete rinsing instructions/information.



For devices that have been disinfected:

Remove instruments from solution and rinse thoroughly with sterile water or potable tap water. The quality of rinse water used is dependent on the intended use of the instrument. See package insert for complete rinsing instructions/information. Refer to the instrument manufacturer's labeling for additional rinsing instructions.

6 Dry



Dry the instruments. Disinfected or sterilized equipment should be used immediately or stored in a manner to minimize recontamination. See package insert for complete instructions/information on drying flexible endoscopes when using potable water for rinsing. Refer to the instrument manufacturer's labeling for additional storage and/or handling instructions.

7 Testing



It is important to note that CIDEX Solutions may expire prior to the reuse date stated on the label.[†] Do not rely solely on days in use. To determine if the MEC of the CIDEX Solution is still present, CIDEX Solutions must be tested prior to each use with the appropriate CIDEX Solution Test Strip.

8 Disposal



In compliance with the United States Environmental Protection Agency requirements, CIDEX Solutions may be disposed of as an ordinary domestic waste rather than a hazardous waste. However, some state regulatory and local water board or sewer authorities may have certain restrictions on drain disposal of specific wastes from your facility.

For technical information on CIDEX Solutions, contact your local Advanced Sterilization Products sales representative or call ASP customer support at 1-888-783-7723.

[†] CIDEX Solutions label reuse claims are based on an EPA protocol which challenges the solution three times per day in manual systems. Many health care workers challenge CIDEX Solutions more than three times per day or use CIDEX Solutions in scope washers. These practices cause dilution of the solution prior to its stated use life.